

PIONEER SQUARE
EAST-WEST PEDESTRIAN IMPROVEMENTS
CERTIFICATE OF APPROVAL UPDATE

PIONEER SQUARE PRESERVATION BOARD
UPDATE 3/21/2023

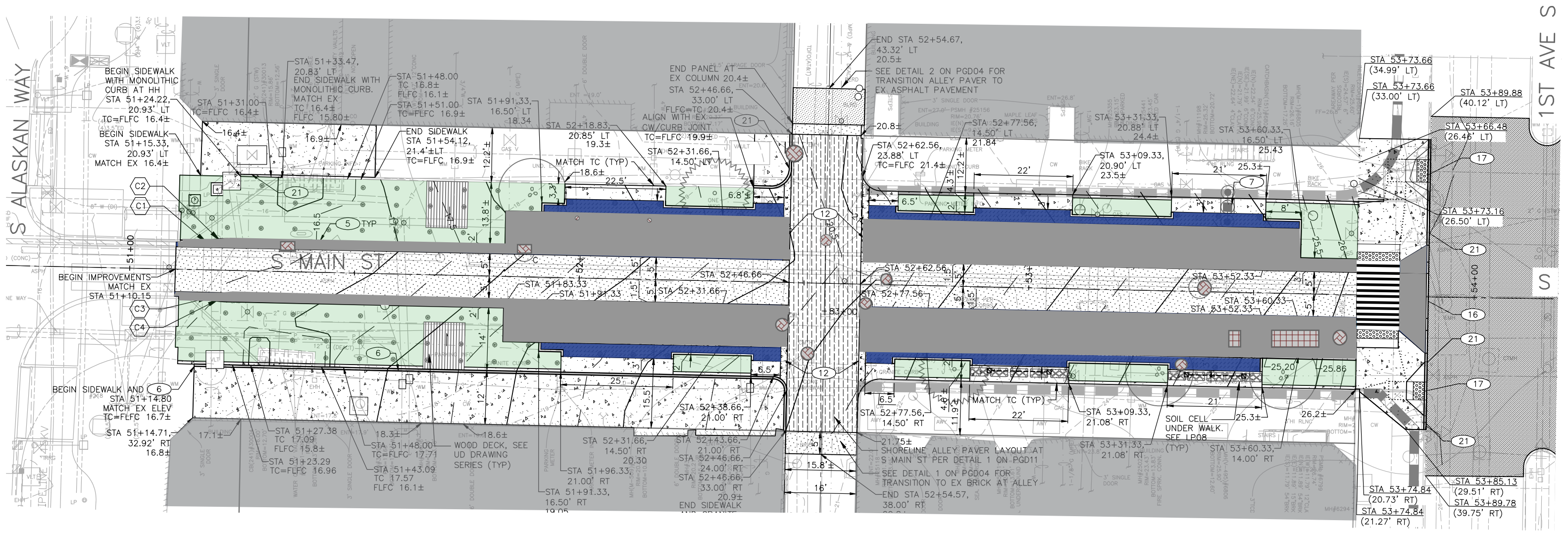


MIG | PERTEET | STUDIO MATTHEWS |
HEFFRON TRANSPORTATION | CONCORD |
HWA | WHPACIFIC | CHUDGAR

MATERIAL REVISIONS REVIEWED BY OWCP PIONEER SQUARE PROJECT TEAM TO REDUCE PROJECT'S CONSTRUCTION COST

1. January project bids were 40% above Engineer's estimate. Rejected bids due to budget.
2. To reduce the project's construction cost, team considered revisions to materials.
3. Carefully considered the project's pedestrian improvement goals and the neighborhood's historic character/elements (e.g., brick pavers) in considering material options.
4. Determined a reduction in cobble pavers and thermal cobble pavers would still meet the existing goals of the project and fit the historic character of the neighborhood.
6. Recommend replacing cobble paver at road edge and thermal cobble paver in no-parking zone with roadway cement concrete, dark gray, matching parking zone pavement. Scoring in no-parking zone, no scoring at road edge.
7. Material revision results in a significant construction cost savings, simplifies construction of the public roadway (i.e., City standard material), reduces construction duration, reduces carbon emissions from a reduction in cement concrete volume and truck trips, reduces construction excavation, and simplifies maintenance as a standard material is applied to roadway paving.
8. Plan to re-bid in May with construction starting in late fall 2023.

INCLUSIVE STREETSCAPE LANGUAGE



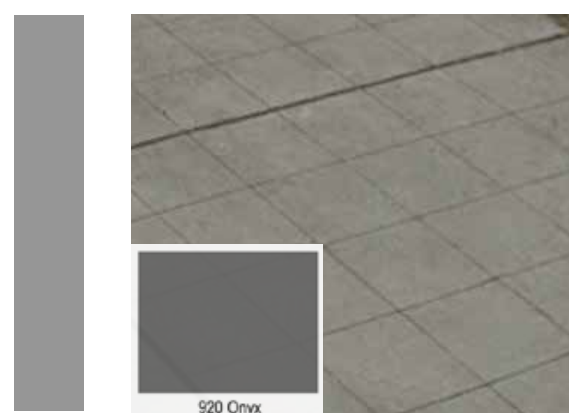
SPLIT FACE FINISH

MAX DEFLECTION: 1/2"

Suppliers: SDOT Material Yard + Marenakos Rock Center



Sidewalk concrete paving and roadway concrete panels (travel lane) to be light grey meeting PSPB guidelines for lamp black in cement concrete mix. 2'x2' scoring.



2'X2' PARKING ZONE CONCRETE PAVING - DARK GREY (DG) = SOLOMON SGS ONYX 920 OR SIMILAR APPLIED AT 4% LOADING

ALL CONCRETE SIDEWALK AND ROADWAY BROOM SWEEPED SURFACE FINISH TOOLED JOINTS WITH NO SHINER

3/21/23 Revision:
Thermal cobble pavers in no-parking zones replaced with concrete paving, dark grey (DG), with 2'x2' scoring.

Cobble paver edge on either side of the roadway travel lane replaced with concrete paving, dark grey (DG), no scoring.

S WASHINGTON STREET EXISTING



S WASHINGTON ST PERSPECTIVE

UPDATE 3/21/23



S WASHINGTON ST PERSPECTIVE

UPDATE 3/21/23



Cement concrete pavement with color (light grey) and 2'x2' scoring

Cement concrete pavement with color (darker grey) and 2'x2' scoring

Cement concrete pavement with color (darker grey) and 2'x2' scoring

Cobble Pavers

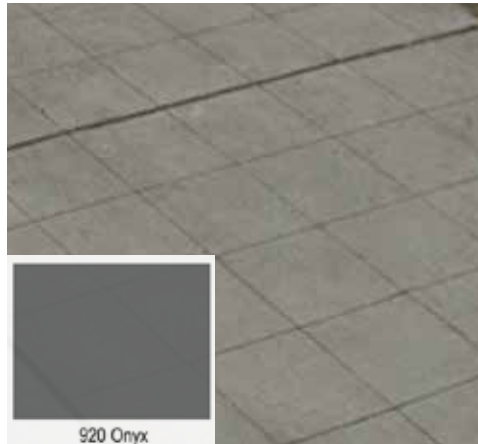
S WASHINGTON AND S MAIN STREET MATERIALS

SIDEWALK AND ROADWAY CONCRETE



2'X2' SIDEWALK CONCRETE PAVING AND ROADWAY CONCRETE PANELS - LIGHT GREY (LG) = SOLOMON ONYX 920 OR SIMILAR APPLIED AT 1% LOADING

TO MATCH THE LAMP BLACK EFFECT OF THE PIONEER SQUARE DISTRICT STANDARD



2'X2' PARKING ZONE CONCRETE PAVING - DARK GREY (DG) = SOLOMON SGS ONYX 920 OR SIMILAR APPLIED AT 4% LOADING

ALL CONCRETE SIDEWALK AND ROADWAY BROOM SWEEPED SURFACE FINISH TOOLED JOINTS WITH NO SHINER

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DRY PIGMENT DOSAGE RATES (25 LB. & 6.25 LB. BAGS)			
1% LOADING	2% LOADING	3% LOADING	4% LOADING
1 - 6.25 lb. bag per 1 yd ³ 1 - 25 lb. bag per 4 yds ³	2 - 6.25 lb. bag per 1 yd ³ 1 - 25 lb. bag per 2 yds ³	4 - 6.25 lb. bag per 1.5 yd ³ 1 - 25 lb. bag per 1.5 yds ³	4 - 6.25 lb. bag per 1 yd ³ 1 - 25 lb. bag per 1 yd ³
1 - 6.25 lb. bag per 3/4 m ³ 1 - 25 lb. bag per 3 m ³	2 - 6.25 lb. bags per 3/4 m ³ 2 - 25 lb. bag per 3 m ³	3 - 6.25 lb. bags per 3/4 m ³ 3 - 25 lb. bag per 3 m ³	4 - 6.25 lb. bags per 3/4 m ³ 4 - 25 lb. bag per 3 m ³
338 Earthen 288 Rosemary 755 Trail Dust 385 Taupe 242 Sandstone 5092 Olive 920 Slate 492 Mauve 115 Limestone	338 Rawhide 288 Ginger 755 Driftwood 385 Lava 242 Sahara 5092 Sage 920 Smoke 492 Merlot 115 Shell	338 Buckskin 288 Bamboo 755 Spice 385 Buffalo 242 Sandalwood 920 Charcoal 492 Lilac 115 Yellow	338 Leather 288 Straw 755 Apricot 385 Bark 242 Nutmeg 5092 Avocado 920 Onyx 492 Garnet 115 Safety Yellow

DETECTABLE WARNING PLATE



PRE-WEATHERED CAST IRON. NATURAL IRON PATINA CAST-IN-PLACE, NON-SLIP

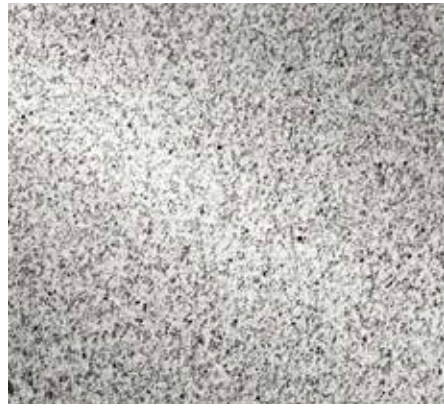
WHERE USED, CURB RAMPS AND ADJACENT CONCRETE CONTAINS NO ADDED GREY COLOR, TO ADD VISUAL CONTRAST, PER SDOT ADA COORDINATION.

Supplier: TUFTILE

GRANITE COBBLE



SALVAGED GRANITE COBBLES
Supplier: SDOT material Yard



NEW GRANITE COBBLES
SIERRA WHITE GRANITE
Supplier: Marenakos Rock Center

COBBLE PAVER FINISHES



SPLIT FACE
MAX DEFLECTION: 1/2"

4" METAL GRATED CAP



4" ROUND SATIN CHROME GRATE WITH PVC COLLAR

ADA COMPLIANT AND HEEL-PROOF. CONNECTS TO SLOTTED DRAIN FOR AIR/WATER FLOW UNDER PAVEMENT WHERE SOIL CELLS ARE PRESENT, PER PLANS.